

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

CLASSIFICATION ORDER 1854

February 7, 2006
Project No. Z-6906

	<u>Class</u>	<u>Subclass</u>	<u>Art Unit</u>	<u>Ex'r Search Room No.</u>
Abolished:	2	8	3765	RDN 00B15
Established:	2	8.1 - 8.8	3765	RDN 00B15

The following classes are impacted by this project:

Class(es):
57, 428

This order includes the following:

- A. CLASSIFICATION MANUAL CHANGES
- B. LISTING OF PRINCIPAL SOURCE OF ESTABLISHED
AND DISPOSITION OF ABOLISHED PAGES
- C. CHANGES TO THE U.S. – I.P.C. CONCORDANCE
- D. DEFINITION CHANGES

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

CLASSIFICATION ORDER 1854

February 7, 2006
Project No. Z-6906

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FEBRUARY 2006

1	MISCELLANEOUS	417	..Including adjustment for wearer's head size
455	GUARD OR PROTECTOR		
456	.Body cover	418	...For circumference of crown
457	..Hazardous material body cover	419	....And height of crown
458	..Thermal body cover	420	....By plural-part rigging
2.11	..Astronaut's body cover	421	..Including helmet-retention means
2.12	...Having relatively rotatable coaxial coupling component	422	..With article-attaching means
		423	..And ears
2.13	...Having convoluted component	424	..And face
2.14	..Aviator's body cover	425	..Sport headgear
2.15	..Underwater diver's body cover	15	..Eye shields (e.g., hoodwinks or blinds, etc.)
2.16	...Having an insulation layer		
2.17	...Having a garment closure (e.g., zipper, fabric with hooks and loops that fasten together, etc.)	10	...Hat or cap attachments
		11	...Hand or body supported
		12	...Shades
459	.Shoulder protector	13	....Spectacle attachments
460	..Strap protector	426	...Goggles
461	..Both shoulders	427	....Included in shield for face
462	...Vest type	428	.....With seal for face
463	.Chest protector	429	.....And detachable face plate
464	.Abdomen protector	430	.....And wide-angle lens
465	.Side impact torso protector	431	....Included in shield for eyes
466	.Groin protector	432	....Having antiglare shield or lens
467	.Back protector	433	.....By limited-view opening
2.5	.Penetration resistant	434	....Having lens-cover plate
410	.For wearer's head	435	....Having antifog shield or lens
4	..Insect repelling	436	.....By ventilation of shield
5	..Firemen's helmets	437	.....Via tortuous air path
6.1	..Aviator's helmet	438	....With movable element external
6.2	...Having article attaching means	439	....Having unitary frame
6.3	...Having eye shield (e.g., goggles, visor, etc.)	440	....With seal (e.g., cup) for each eye
		441	.....Detachable lens-mounting
6.4	....Plural shields	442	....Having frame for each eye
6.5	....Pivotal shield	443	.....Detachable lens-mounting
6.6	..Soldier's (i.e., ground based trooper) helmet	444	.....Suspended within a goggle
		445	....Connected at center
6.7	...Having eye shield	446	.....By nose-rest
6.8	...Having movable mechanical energy absorbing means (e.g., spring, etc.)	447	....Having wide-angle lens
		448	....Including temple element
7	..Heat resistant	449	....And side shield
* 8.1	...High temperature	450	....And connection to frame
* 8.2	...Mask, shield or hood for welder (EPO)	451	....Pivoted side shield
		452	....On head band
* 8.3	....With movable shutter, e.g., filter disc or actuating means therefor (EPO)	453	....On horizontal pivot
		454	....Foldable or collapsible
* 8.4	.....And movable polarizing filter disc (EPO)	9	..Face
		468	.Neck protector
* 8.5	....With two windows, one for viewing and one for use during the welding process (EPO)	16	.Hand or arm
		17	..Handle or rein attachments
* 8.6	....With supply or suction of gas, air or smoke inside or outside the welding hood (EPO)	18	..Boxing gloves
		19	..Baseball gloves
* 8.7	....Use of particular optical filter (EPO)	20	..Hand pads
		21	..Finger cots or protectors
* 8.8	.....With variable transmission (EPO)	22	.Leg
		23	..Trouser attachments
411	..Including energy-absorbing means	24	..Knee pads or rests
412	...By diverse laminae		BODY BRACES AND SUPPORTS
413	...By fluid-containing cushion	44	.Shoulder and back
414	...By interior pads	45	.Shoulder
415	....Including neck pad	46	GARMENT PROTECTORS
416	...By suspension rigging	47	.Skirts

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

	GARMENT PROTECTORS	96	..Front closures
48	.Aprons	97	..Linings
49.1	..Infant's bib	98	..Collars
49.2	...Having pocket for receiving debris or article	99	...Springs
49.3	...Having fastener for attachment to tray or table	100	...Fasteners
49.4	...Multilayer	101	..Putting-on accessories
49.5	....Removable layer	102	.Vests
50	..Barbering	103	..Combined with shirt or dickey
51	..Workmen's	104	.Waists
52	..Ties and supports	105	..Nursing
53	.Armpit shields	106	..Dress
54	..Combined with garments	107	..Blouses
55	..Body supported	108	...Garment supporting
56	..Dress-attaching features	109	..Jacket type
57	..Frames	110	..Underwear
58	..Methods of making	111	...Corset covers
59	.Sleeve	112	...Infants'
60	.Collar or cuff		...Garment supporting
61	.Stocking	113	.Shirts
62	.Knee	114	..Undergarments
63	.Try-on hat linings	115	..Bed garments
64	BURIAL GARMENTS	116	..Men's outer garments
65	FUR GARMENTS	117	...With attached collars
66	.Muffs	118	...With garment supporters
67	BATHING GARMENTS	119	...Bosom structure
68	.Caps	120	....Detachable
69	BODY GARMENTS	121	....Supporters and protectors
69.5	.Bag type	122	...Overlaps
	.Union type	123	...Yokes, patches, and facing
70	..Separable	124	...Cuffs
	..Skirted	125	....Detachable
71	...Combined bifurcated	126	...Sleeves
72	...Convertible bifurcated	127	....Detachable
73	..Underwear	128	...Neckbands
74	...Dresses	129	...Closures
75	...Children's	130	.Collars
76	...Waistband: adjustable or elastic	131	..Combined with neckties
	..Bifurcated	132	..Soft fold type
77	..Men's outer shirts	133	...Supporters
78.1	...Underwear	134	..Women's wear
78.2	....Having seat or crotch opening	135	...Supporters
78.3	....Having elastic portion (e.g., band, panel, etc.)	136	..Waterproof
78.4	....Having garment fastener	137	..Paper
79	...Trousers and overalls	138	..Necktie-engaging devices
80	...Children's	139	...Easy-slide structure
81	...Heat resistant	140	..Attaching to shirts
82	...Water resistant	141.1	...Ends
83	...Bed garments	141.2	..With closure
84	.Hooded	142	...Expandable or extendable
85	.Overcoats	143	..Bindings
86	..Convertible to bifurcated	144	..Blanks and processes
87	..Waterproof	145	.Neckties
88	.Capes	146	..Attaching features
89	..Convertible tents	147	..Cut-fabric type
90	.Sweaters	148	..Knit-fabric type
91	.Mufflers	149	..Knot structure
92	.Back and chest protectors	150	...Made up
93	.Coats	151	....Four-in hand type
94	..Hunters' and special-article carrying	152.1	....Bow type
95	..Combined with vest or shirt	153	...Form
			....Four-in hand type

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

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	BODY GARMENTS	182.3	...With perforated or slotted sweat or head engaging member
	.Neckties		
	..Knot structure	182.4	...Coil spacer
	...Form	182.5	...Coextensively transversely grooved spacer
154	....Bow type		
155	..Band structure	182.6	...Tongue, stud or block spacer
156	...Attachments	182.7	...Through-passaged spacer
157	..End structure	182.8	..Perforated
	HAND OR ARM COVERINGS	183	..Head size adjustment
158	.Mittens	184	..Sewing
159	.Gloves	184.5	..With external air deflector or weather guard for crown opening
160	..Attachments		
161.1	..Sports glove	174	.Toilet
161.2	...For golf	202	.Hoods
161.3	....Having high friction outer surface (e.g., friction pad, tenacious coating, tackified, etc.)	203	..With mufflers
		204	..Bonnet type
		205	..Helmet type
161.4	....Having a hook and loop type wrist closure	206	.Face coverings
		207	.Scarfs and veils
161.5	...For fishing, archery, or riflery	208	.Muffs
161.6	..Work glove	209	..Ear
161.7	...Medical glove	209.11	.Convertible
161.8	...Having high friction outer surface (e.g., friction pad, tenacious coating, tackified, etc.)	209.12	..Head covering includes a crown and outwardly extending visor (e.g., baseball cap, etc.)
162	..Wrists	209.13	.Combined with diverse article
163	..Fingers	209.14	..With article of toiletry (e.g., mirror, cosmetics, etc.)
164	..Linings		
165	..Welts	209.3	.With interrupted crown
166	..Staying	209.4	..With superposed or inset band
167	..Materials	209.5	..Inserted perforated or mesh section
168	...Rubber	209.7	..With perforation
169	..Patterns and processes	175.1	.Having crown and horizontally extending brim (e.g., hat, etc.)
170	.Wristlets		
171	HEAD COVERINGS	175.2	..Brim edge binding
171.01	.Mortarboard or graduation type	175.3	..Having exterior crown engaging band or trim
171.02	.Conical (e.g., dunce cap, witches' hat, etc.)	175.4	..Having a shape retaining internal form (e.g., plate, wire frame, crease retainer, etc.)
171.03	..Collapsible (e.g., umbrella type, etc.)		
171.04	.Tam-o'-shanter type	175.5	...For brim
171.1	.Separable crown section type	175.6	..Having detachable weather guard
171.2	.With therapeutic device, medicament, or perfume	175.7	..Having hanger or guard cord
171.3	.With forced air circulator	175.8	..Straw
171.4	.With movable closure for opening	175.9	..Felt
171.5	..Flexible material closure	195.1	.Having crown and horizontally extending visor (e.g., baseball cap, etc.)
171.6	...Crown fold type	195.2	..Adjustable
171.7	..Movable along crown surface	195.3	...Elastic portion
171.8	...Endless band type	195.4	...With cooperating mechanical coupling
172	.Flapped	195.5	..Having shape retaining internal form (e.g., plate, wire frame, etc.)
173	.With masks		
173.5	.With outward bulge in crown	195.6	...For visor
181	.With sweats or other supplementary head engaging member	195.7	.Having upturned and close fitting rim, brim, or visor
181.2	..Discontinuous contact	195.8	..Knitted or crocheted
181.4	...Removable or retractable	200.1	.Of particular, peculiar material
181.6	...With perforated or slotted sweat or head engaging member	200.2	..Rubber
181.8	...Transversely grooved head engaging member	200.3	..Paper or cardboard
182.1	..Crown spacing		NETHER GARMENTS
182.2	...Removable or retractable spacer	210	.Bustles

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

CLASS 2 APPAREL

FEBRUARY 2006

	NETHER GARMENTS	316	...Wrap around and end attached holder
211	.Skirts	317	...With member between ends of encircling strip
212	..Combined bifurcated		
213	..Convertible bifurcated	318	...On member between ends of encircling strip
214	..Riding		
215	..With pads or distenders	319	...Detachable from or slidable on belt
216	..Hoop	320	...With nonfastening holding means
217	..Lifters and holders	321	...With fastenable device to form loop
218	..Placket closures	322	...Overlapping end and buckle type
219	..Waist closures	323	.Strip connected spaced holders
220	..Waistbands	324	..With springs
221	...Adjustable or elastic	325	..With step adjustment
222	..Edge bindings or protectors	326	..Plural, crossed, or diverging suspension strips or strands
223	..Supporters	327	...Crossed or closed loop shoulder type
	.Bifurcated	328	...With crossed suspension strap features
400	..Underwear		
401	...With particular reinforcing or elastic insert	329	...Garment supporting running strip or strand
402	...One-piece	330	...With running strip or strand
403	...Particular to male	331	...Plural loop type
404	....With leg portions	332	...Connection at bottom of strip or strand V
405	....With particular fly structure		
406	...Particular to female	333	...With detachable or movable feature between strips
407	....With leg portion		
408	....Open or openable crotch	334	...With pivot member normal to strip
409	....Panty hose	335	..Hose supporting
227	..Trousers or overalls	336	.Elements
228	...Knee length	337	..Friction devices and/or twisters
229	...Waist or shirt supported	338	..Belt, strap, or strip constructions
230	...Suspender attachments	339	...With springs or connected sections
231	...Stays or protectors	340	...Suspender ends
232	....Bottom	341	..Saddle type cord retainers
233	...Leg-straightening attachments	342	...Openable or movable
234	...Flies	243.1	GENERAL STRUCTURE
235	...Waist closures	244	.Trimings
236	...Waistbands	245	..Shoe ornaments
237	....Adjustable or elastic	246	..Insignia
238	..Trunks	247	.Pockets
239	.Stockings	248	..Reinforced
240	..Supporting features	249	..Article-attaching feature
241	..Reinforcing	250	..Article-retaining feature
242	..Leggings	251	..Fastening attachments
	GARMENT SUPPORTERS AND RETAINERS	252	..Closing attachments
300	.Combined with other than garment supporter structure	253	..Multiple compartment
301	.Convertible or reversible	254	..Safety trap
302	.Rigid vertical type	255	.Stiffening or staying
303	..Hose supporting	256	..Elongated rodlike elements (e.g., stays)
304	.With connected substantially spaced holders for plural garments	257	...Ends and end fasteners or retainers
305	..Combined with shoulder straps	258	...Materials
306	..Supporting to hose only	259	....Metal
307	..Plural waistline garments only	260	....Covered or encased (e.g., coated)
308	.Plural encircling type	260.1	.....Surface bonded coating
309	.Partially encircling limb or torso type	261	.....Reinforced
310	.Shoulder suspension and torso encircling	262	.....Hinged
311	.Torso or limb encircling	263	....With fasteners
312	..With additional holding devices or features	264	....Formed wire
		265	.Attaching buttons or fasteners
313	...Pendant limb encircling means	266	..Buttonhole strips
314	...With pendant holding means	267	.Pads
315	....With plural holding means		

Title Change
* Newly Established Subclass

@ Indent Change
& Position Change

FEBRUARY 2006

GENERAL STRUCTURE
 .Pads
 268 ..Shoulder
 .Sleeves or legs
 269 ..Adjustable length
 270 ..Closures
 271 .Loops or hangers
 272 .Linings
 273 .Dress weights
 274 .Bindings
 275 .Seams
 279 ADORNMENT HANDKERCHIEFS, GARMENT WORN

 CROSS-REFERENCE ART COLLECTIONS

 900 CAMOUFLAGED
 901 ANTIBACTERIAL, ANTITOXIN, OR CLEAN ROOM
 902 ANTISTATIC
 903 FIBERGLASS
 904 POLYTETRAFLUOROETHYLENE (E.G., GORTEX,
 TEFLON, ETC.)
 905 ELECTRIC
 906 .Head covering or protector
 907 GLOVE HAVING THREE, FOUR, OR SIX FINGER
 POCKETS
 908 GUARD OR PROTECTOR HAVING A HOOK-LOOP
 TYPE FASTENER
 909 .Head protector (e.g., helmet, goggles,
 etc.)
 910 .Hand or wrist protector
 911 .Leg protector
 912 GARMENT HAVING A HOOK-LOOP TYPE FASTENER
 913 .Chest encircling (e.g., shirt, vest,
 etc.)
 914 ..Combined nether (e.g., union suit, bag
 type, overalls, etc.)
 915 ..Having plural body encircling layers
 (e.g., coat, etc.)
 916 .Neck covering (e.g., necktie, etc.)
 917 .Hand or wrist covering
 918 .Head covering
 919 .Lower torso and leg encircling (e.g.,
 skirts, trousers, etc.)
 920 GARMENT SUPPORTER OR RETAINER HAVING A
 HOOK-LOOP TYPE FASTENER

 FOREIGN ART COLLECTION

 FOR 000 CLASS-RELATED FOREIGN DOCUMENTS

 DIGESTS

 DIG 1 Ventilated garment
 DIG 2 Reversible garment
 DIG 3 Inflatable garment
 DIG 4 Free swing garment
 DIG 5 Waterproof garment with gutters
 DIG 8 Rear-view mirror
 DIG 9 Stocking-girdle relationship
 DIG 10 Inflatable hat
 DIG 11 Headband

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Project No. Z-6906

SOURCE CLASSIFICATION(S) OF PATENTS
IN NEWLY ESTABLISHED SUBCLASSES REPORT

New Classification -----	Number Of ORs -----	Source Classification -----	Number Of ORs -----
2/8.1	169	2/8	359
2/8.2	31	2/8	359
2/8.3	114	2/8	359
2/8.4	3	2/8	359
2/8.5	10	2/8	359
2/8.6	13	2/8	359
2/8.7	10	2/8	359
2/8.8	9	2/8	359

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DISPOSITION CLASSIFICATION(S) OF PATENTS
FROM ABOLISHED SUBCLASSES REPORT

Source Classification	Number of ORs	New Classification	Number of ORs
2/8	359	2/8.1	169
		2/8.2	31
		2/8.3	114
		2/8.4	3
		2/8.5	10
		2/8.6	13
		2/8.7	10
		2/8.8	9

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DISPOSITION CLASSIFICATION(S) OF PATENTS
FROM ABOLISHED SUBCLASSES REPORT

Source Classification	Number of ORs	New Classification	Number of ORs
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Patent and Trademark Office

C-1

CLASSIFICATION ORDER 1854

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C. CHANGES TO THE U.S. - I.P.C. CONCORDANCE

<u>U.S.</u> <u>Class</u>	<u>Subclass</u>	<u>I.P.C.</u> <u>Subclass</u>	<u>Notation</u>	<u>ECLA</u> <u>Subclass</u>	<u>Notation</u>
2	8.1	A61F	9/06	A61F	9/06
	8.2	A61F	9/06	A61F	9/06
	8.3	A61F	9/06	A61F	9/06C
	8.4	A61F	9/06	A61F	9/06C2
	8.5	A61F	9/06	A61F	9/06D
	8.6	A61F	9/06	A61F	9/06L
	8.7	A61F	9/06	A61F	9/06F
	8.8	A61F	9/06	A61F	9/06F2

D. CHANGES TO THE DEFINITIONS (Project No. Z-6906)

CLASS 2 – APPAREL

Definitions Abolished

Subclass(es):

8

Definitions Modified (Place modifications in numerical sequence, where applicable):

Subclass 9: Under See or Search This Class, Subclass:

Delete:

The entire reference to subclass 8.

Insert:

8.1+, for face guards supported by the head and designed to protect from the heat and glare of welding and similar operations.

DEFINITIONS ESTABLISHED (Place established subclasses in numerical sequence.):

8.1 High temperature:

Device under subclass 7 designed to protect from the heat and glare of a welding and similar operation.

SEE OR SEARCH THIS CLASS, SUBCLASS:

11, for similar devices not supported by the head

8.2 Mask, shield or hood for welder (EPO):

Device under subclass 8.1 comprising a cover for the face of a person, i.e., a mask, or, an article acting as a barrier for a person, i.e., a shield, or a cover for the face and head of a person, i.e., a hood, which is constructed to protect the person from the heat and glare of a welding operation.

- (1) Note. The subject matter in this subclass is substantially the same in scope as ECLA (A61F9/06).

8.3 With movable shutter, e.g. filter disc or actuating means therefor (EPO):

Device under subclass 8.2 wherein a mask, shield or hood is provided with a mechanism limiting the transmission of light or with means for moving the mechanism.

- (1) Note. The subject matter in this subclass is substantially the same in scope as ECLA (A61F9/06C).

8.4 And movable polarizing filter disc (EPO):

Device under subclass 8.3 wherein a mask, shield or hood is provided with a round flat optical transparent plate capable of movement within the mask, shield or hood and further capable of polarizing light transmitted therethrough.

- (1) Note. The subject matter in this subclass is substantially the same in scope as ECLA (A61F9/06C2).

SEE OR SEARCH THIS CLASS, SUBCLASS:

8.7+, for a welder's mask, shield, or hood using a particular optical filter.

8.5 With two windows, one for viewing and one for use during the welding process (EPO):

Device under subclass 8.2 wherein a mask, shield or hood is provided with a first transparent material allowing for the visual inspection prior to or after a welding operation and a second transparent material allowing for the visual inspection during a welding operation.

- (1) Note. The subject matter in this subclass is substantially the same in scope as ECLA (A61F9/06D).

8.6 With supply or suction of gas, air or smoke inside or outside the welding hood (EPO):

Device under subclass 8.2 provided with a mechanism for supplying or removing a gaseous fluid to a hood for a welder.

- (1) Note. The subject matter in this subclass is substantially the same in scope as ECLA (A61F9/06L).

- (2) The fluid may be a compressed gas used to affect or enhance welding process, ambient air being supplied to a welding process, or a combustion product being removed from a welding process.

8.7 Use of particular optical filter (EPO):

Device under subclass 8.2 wherein a mask, shield or hood is provided with a light transmitting material capable of limiting the spectral range transmitted therethrough.

SEE OR SEARCH THIS CLASS, SUBCLASS:

8.4, for a welder's mask, shield, or hood with a movable polarizing filter.

- (1) Note. The subject matter in this subclass is substantially the same in scope as ECLA (A61F9/06F).

8.8 With variable transmission (EPO):

Device under subclass 8.7 wherein the material is capable of varying the spectral range of light transmitted therethrough.

- (1) Note. The subject matter in this subclass is substantially the same in scope as ECLA (A61F9/06F2).

D. CHANGES TO THE DEFINITIONS (Project No. Z-6906)

CLASS 57 – TEXTILES: SPINNING, TWISTING, AND TWINING

Definitions Modified (Place modifications in numerical sequence, where applicable):

Subclass 904: Under See or Search Class:

Delete:

The entire reference to Class 2.

Insert:

2, Apparel, subclasses 5, 7, and 8.1+ for a heat resistant head covering for a person.

D. CHANGES TO THE DEFINITIONS (Project No. Z-6906)

CLASS 428 – STOCK MATERIAL OR MISCELLANEOUS ARTICLES

Definitions Modified (Place modifications in numerical sequence, where applicable):

Subclass 920: Under See or Search Class:

Delete:

The entire reference to Class 2.

Insert:

- 2, Apparel, subclasses 5, 7, and 8.1+ for a heat resistant head covering for a person.